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(74) Agent: MOOLJ, Johannes, Jacobus; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

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(71) Applicant (for all designated States except US): DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): IJPEIJ, Edwin, Gerard [NL/NL]; Vrangendaal 153, NL-6136 JN Sittard (NL). ARTS, Henricus, Johannes [NL/DE]; Montjoiestraat 4, NL-6151 JD Munstergeleen (NL). VON DORE-MAELE, Gerardus, Henricus, Josephus [NL/NL]; Op de Hoef 6, NL-6132 HN Sittard (NL). BELJER, Felix, Hugo [NL/NL]; Darwinstraat 14, NL-6132 GW Sittard (NL). VAN DER BURGT, Francis [NL/NL]; Robert Schumanstraat 3, NL-6049 HL Herten (NL). ZUIDEVELD, Martin, Alexander [NL/NL]; Erasmusdomein 102a, NL-6229 GD Maastricht (NL).

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(54) Title: PROCESS FOR THE PREPARATION OF A METAL-ORGANIC COMPOUND COMPRISING AT LEAST ONE IMINE LIGAND

(57) Abstract: The invention relates to a process for the preparation of a metal-organic compound, comprising at least one phosphinimine ligand, characterized in that the HA adduct of a phosphinimine ligand according to formula (1) is contacted with a metal-organic reagent of formula (2) in the presence of at least 2 equivalents of a base, wherein HA represents an acid, of which H represents its proton and A its conjugate base, with Y=N-H as formula (1), and M^v(L₁)_k(L₂)_l(L₃)_m(L₄)_nX as formula (2), and wherein Y is a substituted phosphorous atom, and M represents a group 4 or group 5 metal ion, V represents the valency of the metal ion, being 3, 4 or 5 L₁, L₂, L₃, and L₄ represent a ligand or a group 17 halogen atom on M and may be equal or different, k, l, m, n = 0, 1, 2, 3, 4 with k+l+m+n+l = V, and X represents a group 17 halogen atom. The invention further relates to a process for the preparation of a polyolefin by making a metal-organic compound according to the process of the invention, wherein the base is an olefin polymerisation compatible base, which metal-organic compound is activated anywhere in, or before a polymerisation reactor.

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